



PROTECTIVE SCREEN: SAFETY AND AESTHETICS

CAST AND EXTRUDED ACRYLIC SHEETS

For shop cashiers, public areas, bus & taxi drivers, offices, shops, restaurants, laboratories, research centers, hospitals, etc.

[more information on altuglas.com](https://www.altuglas.com)

ALTUGLAS
INTERNATIONAL
ARKEMA GROUP

KEY BENEFITS FOR ALTUGLAS ACRYLIC SHEETS

	Extruded Sheets*		Cast Sheets families			
	EX	EX Impact	<ul style="list-style-type: none"> ● Classic ● Fashion ● Illumination 	● Protection		
				Altuglas® Essential	Altuglas® Impact	Altuglas® ShieldUp
Lightness (density)	1.19	1.17	1.19	1.19	1.18	1.17
UV resistance	+++	+++	+++	+++	+++	+++
Fire classification	E	E	E	E	E	E
Transparency	+++	++	+++	+++	++	+++
Scratch resistance	++	+	++	++	+	+
Thermoformability	+++	+++	++	+	++	++
Polish	+++	+++	+++	+++	+++	+++
Machining (with same tool)	+	++	++	++	++	+++
Cleaning agent agressiveness resistance						
• Soap water	+++	+++	+++	+++	+++	+++
• Isopropanol (used in hydro alcoholic gel)	+/-	+/-	+	++	+	+++
• White Spirit	++	++	++	++	++	+++
Impact resistance	+	+++	+	+	++	+++

* Extruded sheets are available in clear, opal and black but only in clear for the Impact grade

ALTUGLAS® CAST SHEETS FAMILIES AND RANGES



To decorate and create ambiances

CLASSIC

- ❖ ClearWhite – From clear to different opal and opaque whites
- ❖ Transparent Colours
- ❖ Smoke - From grey to brown tinted sheets

ILLUMINATION

- ❖ Fluo - Transparent fluorescent product with an edge 'glow' effect
- ❖ Soft Fluo - Transparent product in soft pastel colour tones with a bi-chromatic effect
- ❖ Colours - Diffusing or opaque colored sheets

FASHION

- ❖ Dual Satin / Mono Satin - One or two matt faces (and a glossy one) for a smooth touch and look
- ❖ Signature - Fabrics imbedded inside the PMMA sheets.
- ❖ Metallic & Iridescent - 18 spectacular effects with this shining or iridescent sheets.

To extend lifetime product

PROTECTION

- ❖ Essential – five times more resistant to chemicals such as solvents and alcohols
- ❖ ShieldUp® is a range of nanostructured acrylic sheets strengthened for a better impact, temperature and chemical resistance
- ❖ Impact – with excellent impact resistance properties

All Altuglas® acrylic sheets can be easily thermoformed, bent, cut, drilled and glued and are available in different thicknesses [see our catalogue](#)